


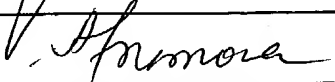
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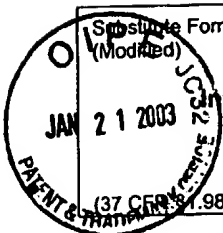
Substitute Form PTO-1449 (Modified) 	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13377-002001	Application No. 09/890,306
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		
	Applicant Murali Nayudu et al		Group Art Unit
Filing Date July 27, 2001			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
VA	AA	5,856,357	01/05/99	Yu et al.	514	557	
↑	AB	5,811,090	09/22/98	Tahvonen et al.	424	93.5	
	AC	5,759,558	06/02/98	Epstein et al.	424	401	
	AD	5,719,172	02/17/98	Oppong et al.	514	367	
	AE	5,691,378	11/25/97	Yu et al.	514	557	
VA	AF	4,817,333	04/04/89	Szepessy et al.	47	58	
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
VA	AL	WO 94/28883	12/22/94	PCT	A61K	31/01		
VA	AM	WO 91/13552	09/19/91	PCT	A01N	59/20		
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 5-24-2004
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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(37 CFR 1.98(b))		Filing Date July 27, 2001	Group Art Unit

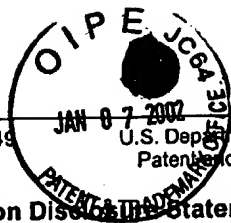
U.S. Patent Documents							
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	AA						
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	AG						
	AH						
	AI						
	AJ						

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
VA	AK	DE 3338689A1	09/05/1985	DE				X
VA	AL	DE 2651947A1	18/05/1978	DE				X
VA	AM	WO 94/07365	14/04/1994	PCT				X
	AN							
	AO							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
VA	AP	XP002220176, Database WPI, Section Ch. Week 198118, Derwent Publications Ltd., London, GB
VA	AQ	XP002220177, Database WPI, Section Ch. Week 198121, Derwent Publications Ltd., London, GB
VA	AR	XP002220178, Database WPI, Section Ch. Week 199729, Derwent Publications Ltd., London, GB
	AS	

Examiner Signature <i>V. Anumola</i>	Date Considered <i>5-24-2004</i>
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Sheet 1 of 1

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**U.S. Patent Documents**

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	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
VA	AI	✓ 3443985 A1	06/05/86	DE	A61K	33/30		X
VA	AJ	✓ 0 713 645 A1	05/29/96	EP	A01N	37/36		
VA	AK	✓ 62-190103	08/20/87	JP	A01N	37/36		X
	AL							
	AM							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
VA	AN ✓	Elzainy et al., "Occurrence of the non-phosphorylative Pathway for Gluconate Degradation in Different Fungi", Biochemical Systematics 1:127-128, 1973.
VA	AO ✓	Meulenbergh et al., "Nucleotide Sequence and Structure of the Klebsiella Penumoniae pqq Operon", Mol. Gen Genet 232:284-294, 1992.
VA	AP ✓	Nayudu et al., "The Genetic Nature of Biological Control of the Take-all Fungal Pathogen by Pseudomonas", Improving plant productivity with Rhizosphere bacteria, International workshop on plant growth promoting Rhizobacteria (1994) Adelaide, South Australia, Editors Bowen GD et al., p 122-124.
VA	AQ ✓	Schneider et al., "Tn5-Directed Cloning of pqq Genes from Pseudomonas Fluorescens CHAO: Mutational Inactivation of the Genes Results in Overproduction of the Antibiotic Pyoluteorin", Applied and Environmental Microbiology 61:3856-3864, 1995.
VA	AR ✓	Sponholz et al., "Über Die Herkunft von Gluconsaure, 2-und 5-Oxo-Gluconsaure Sowie Glucuron- und Galacturonsaure in Mosten und Weinen", Vitus 24:51-58, 1985.

Examiner Signature <i>V. Afanador</i>	Date Considered 5-24-2004
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